

Comparisons of Job Characteristics

Focus Occupation: [Excavating and Loading Machine and Dragline Operators \(53-7032\)](#)

Associated Occupation: [Heavy and Tractor-Trailer Truck Drivers \(53-3032\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 47

Focus Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)

Associated Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Transportation	4.6	16.1	7.4	<< Extensive education and/or training may be required
Public Safety and Security	6.9	10.4	9.1	< Expanded education and/or training may be required
Geography	3.9	6.9	2.8	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)

Associated Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	13.1	13.2	0 Current skill level may be sufficient
Operation Monitoring	6.6	9.9	11.4	> Skill level is likely sufficient
Quality Control Analysis	5.9	8.3	8.2	0 Current skill level may be sufficient
Equipment Maintenance	3.5	7.3	8.0	0 Current skill level may be sufficient
Troubleshooting	4.5	7.0	8.3	> Skill level is likely sufficient
Repairing	3.4	6.9	8.2	> Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)

Associated Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Control Precision	6.6	13.1	15.6	>	Current ability level is likely sufficient
Multilimb Coordination	6.0	12.7	15.6	>	Current ability level is likely sufficient
Far Vision	7.8	12.3	12.9	0	Current ability level may be sufficient
Reaction Time	4.8	12.3	13.4	0	Current ability level may be sufficient
Response Orientation	4.0	12.1	13.0	0	Current ability level may be sufficient
Static Strength	5.0	11.6	11.0	0	Current ability level may be sufficient
Depth Perception	5.3	11.4	14.4	>	Current ability level is likely sufficient
Rate Control	3.8	11.2	11.9	0	Current ability level may be sufficient
Spatial Orientation	2.7	10.2	11.4	>	Current ability level is likely sufficient
Peripheral Vision	2.2	9.0	9.8	0	Current ability level may be sufficient
Night Vision	2.1	8.9	6.5	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	7.9	7.7	0	Current ability level may be sufficient
Sound Localization	2.2	7.7	7.6	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 57

Focus Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)

Associated Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032)

Work Activities	Exclusivity of Activity
Direct and coordinate activities of workers or staff	3
Load, unload, or stack containers, materials, or products	37

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 67

Focus Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)

Associated Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032)

Tools and Technologies	Exclusivity
Computers	1

Earth moving machinery	11
Heavy equipment components	21
Lifting equipment and accessories	3
Product and material trailers	24
Product and material transport vehicles	13

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.